

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/US2004/032650

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08L23/10

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/156171 A1 (DREWNIAK MARTA ET AL) 24 October 2002 (2002-10-24) example 12	1-12
X	US 2002/037954 A1 (OHKAWA KENICHI ET AL) 28 March 2002 (2002-03-28) examples 2,3; table 4	1-12
X	EP 1 219 678 A (BOREALIS GMBH) 3 July 2002 (2002-07-03) example 1	1,3,6
X	US 2001/033924 A1 (QIAN GUOQIANG ET AL) 25 October 2001 (2001-10-25) example 1	1,3-10

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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"&" document member of the same patent family

Date of the actual completion of the international search

25 May 2005

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01/06/2005

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002156171 A1	24-10-2002	CA 2438373 A1 EP 1377633 A2 JP 2004529226 T WO 02066553 A2	29-08-2002 07-01-2004 24-09-2004 29-08-2002
US 2002037954 A1	28-03-2002	JP 2002020559 A CN 1332195 A ,C DE 10132512 A1 SG 92807 A1	23-01-2002 23-01-2002 23-05-2002 19-11-2002
EP 1219678 A	03-07-2002	EP 1219678 A1 AT 268354 T DE 60103666 D1 WO 02051926 A2 EP 1345989 A2	03-07-2002 15-06-2004 08-07-2004 04-07-2002 24-09-2003
US 2001033924 A1	25-10-2001	US 6462122 B1	08-10-2002